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THE CLEAR CHOICE

Stormwater Conducts Smoke Testing

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On May 12-13, 2004 and again on June 9, 2004, the City of Chattanooga's Stormwater Department's water quality staff joined with personnel from the Moccasin Bend Wastewater Sewer Treatment Plant conducted smoke testing on sanitary sewer lines in North Chattanooga.

Smoke testing is one of the most efficient and cost-effective ways to locate and identify breaks and defects in the sanitary sewer system. Prior to testing, door hangers were placed at residents' homes informing them of the testing. Smoke from smoke bombs was blown into the sanitary sewer at manholes. Breaks and defects in both the public sewer and private service lines were evident by the escape of smoke from the lines. The "smoke" from the smoke testing is non-toxic and doesn't get inside of the home unless there is a plumbing problem in the home. Residents will receive notification with failing private service lines have failed. By finding and repairing broken sewer lines, the City of Chattanooga eliminates the entry of sewage into creeks, streams and the river.



Doug Fritz documenting "smoke" from testing.



CITY APPOINTS NAVEED A. MINHAS, P.E., CITY ENGINEER

On July 9, 2004, the City of Chattanooga appointed Naveed A. Minhas as the City Engineer. Mr. Minhas has been employed with the City for the past 8 years. Mr. Minhas previously worked as a project manager to restart Sequoyah Nuclear Plant and has held other management positions with United Engineers and Stone & Webster Engineers. Mr. Minhas manages the Engineering Division, Technical Information Center and Stormwater Management. Mr. Minhas is passionate on his department's commitment to not only fulfill the permit requirements of the National Pollutant Discharge Elimination System (NPDES) but to also offer the citizens of Chattanooga a better quality of life by ensuring that they receive proper education, training and have full knowledge of water quality issues. Mr. Minhas is fully committed to serving the citizens of Chattanooga by providing timely responses to their needs and concerns in the areas of drainage, pavement, sidewalks, greenways, and technical information and support for developers, builders and the community.



Naveed A. Minhas, P.E.
City Engineer

Stormwater's Public Information and Outreach Gallery



Bill Payne and Ron Esdaile (Inspections) interview with Channel 9's Valerie Abati about "Building on the Floodplain".



Kimberly McClurkin distributes car wash kits during Earth Day Celebration at Northgate Mall.



Stormwater Staff (Bill Payne, Kimberly McClurkin, Doug Fritz, Wayne Body, Rebecca Robinson) exhibit during the 2004 Tri-State Home Show held at the Trade and Convention Center.



Clifton Hill's Improvement League



Councilman Ron Littlefield visits Stormwater Booth at the Comcast First Day Out Festival held at the First Tennessee Pavilion.



Bill Payne holds press conference with News Channel 3 on "Erosion Control".



Kimberly McClurkin speaks to the Bushtown Neighborhood Association.



Lookout Valley Neighborhood Association



Cedar Hills Improvement League



Hixson Presbyterian Church "Primitimers" Club

Kimberly McClurkin and Tim McDonald attended the Threshold Conference held in Chattanooga at the Chattanooga Theater Center.

Doug Fritz was a speaker and moderator during the 14th TN Water Resources Symposium held at Montgomery State Park in Burns, TN.



Kimberly McClurkin and Lee Norris (City Wide Services Director) were guest on Channel 9's Don Welch Show discussing proper leaf disposal.

Chattanooga Links, Inc. Beautillion



**Community
Stormdrain
Stenciling Projects**

Senter School 3rd/4th Grade Classrooms



At A Glance—Rebecca Robinson

Rebecca Robinson has been employed with the City of Chattanooga for 5 years where she is a Biologist in Stormwater Management. She comes from a diverse background steeped in academia and practical applications. Before her employment with the City, Rebecca worked with the Tennessee Department of Transportation monitoring the impact of road construction on a fresh water ecosystem and for a private consulting company evaluating the impact of underground storage tanks on the environment. Rebecca is responsible for construction site inspections associated with land-disturbing permit, water quality studies and identification and mitigation of illicit discharges. Rebecca's passion is for stream and home restoration and her little "critters".



Stormwater As-Found Inventory Program

**What You Place It
In Here**



Or Here



Public Works personnel and local contractors will be in neighborhoods throughout Chattanooga conducting a survey of the stormwater infrastructure in Chattanooga. The citywide survey will involve locating and recording the size and condition of approximately 75,000 stormwater structures such as manholes, curb inlets, and stormwater ponds. Field survey crews will locate all public stormwater structures in the City and record pipe sizes, structure, condition, construction material, and the elevation of the pipe drain inverts. They will use Global Positioning Satellite (GPS) technology to determine the location of each structure. The field equipment interfaces with dozens of satellites maintained by the federal government to identify site locations. This stormwater inventory is a step towards developing a plan that will prevent flooding and contamination of local waterways. It is being conducted in response to state and federal stormwater permit regulations known as the National Pollutant Discharge Elimination System (NPDES). This permit requires information about the physical infrastructure of the stormwater system in the City of Chattanooga. The Public Works Department will incorporate the data gathered from the field survey into a computer mapping system known as Geographic Information Systems (GIS). This information will enable the city to better assist citizens when drainage or flooding problems occur; support maintenance and operations of the stormwater system; trace pollutants back to their source when pollution turns up at discharge points into local creeks and streams and will allow the City to develop a stormwater management plan to reduce pollutants from discharging into surrounding waterways. The initial citywide survey began March 2004 and will continue until July 2005. Follow-up inspections will continue through September 2008 to collect additional information.

Ends Up Here



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Is this the first time you've seen our newsletter?
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your contact information to SWM@mail.chattanooga.gov
and indicate if you'd like a hard copy or electronic
version.

For all your questions & issues call 311
Visit the City of Chattanooga website at www.chattanooga.gov

Jim Moegling
Stormwater Regulations Board Chairman
City of Chattanooga

A nine members Stormwater Regulations Board has been appointed by Mayor Coker and approved by the City Council. The members of the board are: Jim B. Moegling (Technical Consultant), Jim P. Hoff (ADM/Southern Cellulose Products, Inc.), Ken DeFoor (Ken DeFoor Developments), Clyde S. Sawyer (Retired), Milton L. Jackson (Retired), Doug Stein (Stein Construction), Ray Adkins (Retired), Mary (Cissy) May (McCallie School Faculty) and Harry E. Tate and Associates, P.C.) The Stormwater Board will be of great assistance in helping set policy and goals for the Stormwater Division in its efforts to better serve the citizens of Chattanooga. Currently, the Stormwater Regulations Board meets each 2nd Monday, 3:30 p.m. at the City of Chattanooga/Hamilton County Development Resource Center, 1250 Market Street. Future meetings will be published in the Chattanooga Times Free Press.

Times Free Press.

**CITY OF
CHATTANOOGA
WATERSHED
MANAGEMENT UNITS**